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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Nehls *et al.*

Confirmation No.: 9822

Application No.: 09/398,253

Group Art Unit: 1637

Filed: September 17, 1999

Examiner: Kim, Young J.

For: NOVEL HUMAN  
POLYNUCLEOTIDES AND  
POLYPEPTIDES ENCODED  
THEREBY

Attorney Docket No.: 8535-026-999

RECEIVED  
APR 14 2003  
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AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants have carefully considered the Office Action mailed November 5, 2002, in connection with the above-captioned application. Reconsideration of the claims in light of the amendments and remarks that follow is kindly solicited. Applicants submit that the claims as amended herein, are in condition for allowance. Filed herewith are: (a) Exhibit A which is a marked-up version of the claims showing the amendments made herein; (b) Exhibit B which is a clean copy of the claims that will be pending upon entry of the present amendment; (c) Exhibit C which are sequence alignments of SEQ ID NOS:9-18 to Genbank human genomic sequences; (d) Exhibit D which is a copy of Venter *et al.*, 2001, Science 291:1304; (e) an Information Disclosure Statement; (f) a List of References Cited by Applicant with copies of references AT-AU; and (g) a Petition for Extension of Time extending the period for responding by two months from February 5, 2002 to and including April 5, 2002, which is a Saturday.

IN THE CLAIMS

A marked-up version of the claims showing the amendment is attached hereto as Exhibit A. Matter that has been deleted is indicated by brackets and matter that has been added is indicated by underlining.